Abstract of the Disclosure

A combination growth promoting pharmaceutical pellet system which delivers doses of both a growth stimulating pharmaceutical agent and a supplemental agent that enhances the growth produced by the growth stimulating agent as part of a single procedure wherein the doses have a synergistic augmentative effect on physiological growth and weight The system includes an implanter apparatus for subcutaneously implanting pellets in an animal through the bore of a hypodermic needle which is operably coupled to a pellet magazine, and a plurality of pellets sized to be implanted through the needle and positioned in the magazine for selective alignment of a pellet with the needle. pellets include at least one growth stimulating pharmaceutical agent dose pellet. The implant also includes a supplemental agent dose selected from the group of parasiticides, antibiotics, estrus suppressing compositions, somatotropins, gonadotropins and mixtures thereof. various agents preferably include both immediate release and time delayed release components.